

Abrasion Resistant Coating for Stacks of Fiber Cement Siding

Abstract

5 This invention relates to a novel stack of siding, comprising: first and second coated siding pieces comprising an outer topcoat layer, an inner decorative coating layer and a fiberboard cement substrate layer; and a liner positioned between the first and second coated siding pieces. The siding, during normal transportation and installation, retains an acceptable appearance that is substantially free of viewable
10 scratches or mars. In more preferred embodiments, the outer topcoat layer of the siding has a thickness of at least 8 microns and comprises a polyurethane dispersion. The present invention also provides novel methods of pre-finishing a fiberboard cement siding product, comprising the steps of: providing a fiberboard cement substrate layer; coating a first major surface of the fiberboard cement substrate with
15 a decorative coating; coating the exposed surface of the decorative coating with a topcoat layer; and curing the topcoat layer to provide an abrasion resistant siding. More preferably, the curing step comprises a process that does not require heating the siding to a board surface temperature in excess of 100 °C.

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